



NITFS Compliance Registration



Product: SOCET SET / DataThruWay Version 5.3 for the production of Digital Point Positioning Data Base (DPPDB) **Date:** 12 June 2006
Sponsor: National Geospatial-Intelligence Agency (NGA) **Expiration:** 11 June 2008
Registration #: 350

Developer: British Aerospace Electronic (BAE) Systems Geospatial Exploitation Products

- ☐ Initial Registration
☐ Supplemental/Update #
☒ Derived from Reg. #5

Complexity Level							
NITF 2.1 CLEVEL							
	3		5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-Sun Solaris 8 and Solaris 9
-Windows XP and Windows NT 2000

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

☐ v2.1

☒ v2.0

☐ v1.1

NSIF

☐ v1.0

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Annotation Segment Types

☐ Bit Mapped **

☒ CGM, 2301

☐ CGM, 2301A

☐ Labels **

Text Segments

☒ STA

☐ UT1

☐ U8S

☐ MTF

Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

Image Compression

☐ Not Compressed

☒ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ Bi-Level

☐ Vector Quantization

☐ Multispectral JPEG,
Individual Band

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☒ MDSIRA

☒ PRADAA

☒ PRADRA

☒ RGRDRA

☒ SISDDA

☒ SEGSPA

☒ SSDPDA

☒ PTPRAA

☒ PPRSDA

☒ PSUPDA

☒ IMCBDA

☒ IMASDA

☒ IMRFCA

Legend

Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.